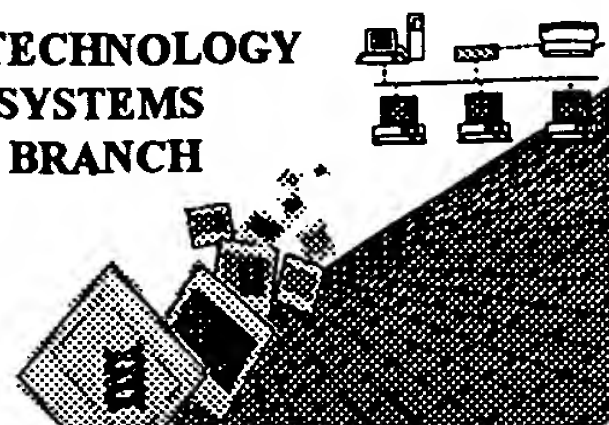


BIOTECHNOLOGY  
SYSTEMS  
BRANCH



**RAW SEQUENCE LISTING**  
**ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/806,276  
Source: Per/09 Rush  
Date Processed by STIC: 8/26/2002

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

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**VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND  
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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name,  
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
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2011 South Clark Place, Arlington, VA 22202
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Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202



Per/09

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,276

DATE: 08/26/2002

TIME: 14:14:39

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Output Set: N:\CRF3\08262002\I806276.raw

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.  
 5 TANG, Y. Tom  
 6 CORLEY, Neil C.  
 7 GUEGLER, Karl J.  
 8 LU, Aina Dyung M.  
 10 <120> TITLE OF INVENTION: BONE MARROW-DERIVED SERUM PROTEINS  
 12 <130> FILE REFERENCE: PF-0609 PCT  
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/806,276  
 C--> 15 <141> CURRENT FILING DATE: 2002-08-26  
 17 <150> PRIOR APPLICATION NUMBER: 09/165,621, unassigned  
 W--> 18 <151> PRIOR FILING DATE: 1998-10-02, 1999-10-02  
 20 <160> NUMBER OF SEQ ID NOS: 5  
 22 <170> SOFTWARE: PERL Program  
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 30 <221> NAME/KEY: misc\_feature  
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 37 20 25 30  
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 39 35 40 45  
 40 Ser Gln Ser Val Ser Ser Tyr Leu Ala Trp Tyr Gln Gln Lys Pro  
 41 50 55 60  
 42 Gly Gln Ala Pro Arg Leu Leu Ile Tyr Asp Ala Ser Asn Arg Ala  
 43 65 70 75  
 44 Thr Gly Ile Pro Pro Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp  
 45 80 85 90  
 46 Phe Thr Leu Thr Ile Ser Arg Leu Glu Pro Glu Asp Val Ala Leu  
 47 95 100 105  
 48 Tyr Tyr Cys Gln Gln Tyr Phe Thr Thr Pro Tyr Thr Phe Gly Gln  
 49 110 115 120  
 50 Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala Ala Pro Ser Val  
 51 125 130 135  
 52 Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly Thr Ala  
 53 140 145 150  
 54 Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu Ala Lys  
 55 155 160 165

**Does Not Comply  
Corrected Diskette Needed**

pp 1,4

place prior application  
number directly above  
its filing date

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,276

DATE: 08/26/2002

TIME: 14:14:39

Input Set : A:\pf0609usn\_seqlist.txt

Output Set: N:\CRF3\08262002\I806276.raw

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60 Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys
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74 <221> NAME/KEY: misc_feature
75 <223> OTHER INFORMATION: Incyte ID No: 1859631CD1
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83          35          40          45
84 Lys Glu Gly Gln His Asp Val Phe Gly Asp Ile Ser Phe Leu Gln
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86 Gly Asn Tyr Glu Leu Leu Pro Gly Asn Gln Glu Lys Ala His Leu
87          65          70          75
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89          80          85          90
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93          110          115          120
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95          125          130          135
96 Gly Pro Ala Lys Leu Pro Arg Leu Ser Cys Glu Pro Val Met Glu
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99          155          160          165
100 His Gln Gly Asp Thr Ser Trp Gly Ser Ser Gly Ser Ala Ser Gln
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102 Ser Ser Gln Gly Arg Asp Ser His Ser Ser Ser Leu Ser Glu Gln
103          185          190          195
104 Tyr Pro Asp Trp Pro Ala Glu Asp Met Phe Asp His Pro Thr Pro
105          200          205          210
106 Cys Glu Leu Ile Lys Gly Lys Thr Lys Ser Glu Glu Ser Leu Ser
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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,276

DATE: 08/26/2002

TIME: 14:14:39

Input Set : A:\pf0609usn\_seqlist.txt

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122 <223> OTHER INFORMATION: Incyte ID No: 135698CB1
124 <400> SEQUENCE: 3
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127 tgttgacaca gtctccagcc accctgtctt tgtctccagg ggaaagagcc accctctcct 180
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132 ggctggagat caaacgaact gtggctgcac catctgtctt catcttcccg ccatctgatg 480
133 agcagttgaa atctggaact gcctctgttg tgtgcctgct gaataacttc tatcccagag 540
134 aggccaaagt acagtggaag gtggataacg ccctccaatc gggtaactcc caggagagtg 600
135 tcacagagca ggacagcaag gacagcacct acagcctcag cagcaccctg acgctgagca 660
136 aagcagacta cgagaaacac aaagtctacg cctgcgaagt caccatcag ggctgagct 720
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138 tcctcagttc cagcctgacc ccctcccac ctttggcctc tgaccctttt tccacagggg 840
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154 <221> NAME/KEY: misc_feature
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160 gattgcgtgc gcccgcgga ggcccgggc agcggctggg atcctcagcg gcggccgggt 180
161 tgtcctggtt gtggtcaaga ctggatgatg taactggctc tctaggaagc ctcaactggc 240
162 cgtaacctca ggaaggttct ctttgacccc atctcatttc gaagccactt ctgaagccac 300
163 ttgagaaaaa tgatgtgaca gttcctatca aaaaggattc agaaacatat accatctgtg 360
164 aagaaagtgg ccctttctcc cgcttgcaaa atagacattc tcaaattcca aaatgccagc 420
165 caagacccca atttacctga aagcagccaa taacaagaaa ggaaagaaat ttaaactgag 480
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,276

DATE: 08/26/2002

TIME: 14:14:39

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169 gttcttccgg gccaacagca cctcggactc tgtgttcaca gaaacgccct ccccggtgct 720
170 caaaaatgcc atctccctcc cgaccattgg aggatcccaa gctctcatgt tgcccttatt 780
171 gtcaccagtg acatttaatt ccaaacagga gtccttcggg ccagcaaagc tgcccaggct 840
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173 gacagtccac cagggagaca cctcgtgggg ctccagcggg tctgcatctc agtccagcca 960
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179 tttgcagttt tgtgttgggt tttctaaaat aatattctta caaagtattt ttttacctgt 1320
180 tatgccctgt ttgcaaaaac aatttagaaa aaaacaacaa agcaaaacct atcttggcaa 1380
181 aaaaaggaag tgagtcagag cccattttca ggaggcattg gtgatgttcg gctcacatat 1440
182 tgtttgcaga cacacaagaa atctggcttg gccaggattg gcactagcta tgaagggtg 1500
183 agcgagtcac attaaaggaac ttcacggaac tttatagcac tccgacattt tctgagcaag 1560
184 aggaagtcaa aatttattta acacctagc ctttttgtag actcttttct atatatgtct 1620
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193 acagtacata cttgcattac ataggtactt caagcaacac aataaaaagt aatgataaaa 2160
194 gtgaacttgc ttgtttatag taataaacia gaccataaga gaataagtat agctagagaa 2220
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197 atgaacatgt gaggtcagat tttttttttt ttttttaagt cagcactgat gccaccctct 2400
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203 <210> SEQ ID NO: 5

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217 Arg Arg Leu Thr Ala Asp Met Ile Ser His Pro Leu Gly Asp Phe
218 35 40 45
219 Arg His Thr Met His Val Gly Arg Gly Gly Asp Val Phe Gly Asp
220 50 55 60

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(mandatory)  
 (309) insert this and  
 its response  
 when (308) has a  
 response



## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,276

DATE: 08/26/2002

TIME: 14:14:39

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224					80					85					90
225	Arg	Val	Gly	Ala	Pro	Pro	Arg	Arg	Met	Ala	Ser	Pro	Pro	Ala	Pro
226					95					100					105
227	Ser	Pro	Ala	Pro	Pro	Ala	Ile	Ser	Pro	Ile	Ile	Lys	Asn	Ala	Ile
228					110					115					120
229	Ser	Leu	Pro	Gln	Leu	Asn	Gln	Ala	Ala	Tyr	Asp	Ser	Leu	Val	Val
230					125					130					135
231	Gly	Lys	Leu	Ser	Phe	Asp	Ser	Ser	Pro	Thr	Ser	Ser	Thr	Asp	Gly
232					140					145					150
233	His	Ser	Ser	Tyr	Gly	Leu	Asp	Ser	Gly	Phe	Cys	Thr	Ile	Ser	Arg
234					155					160					165
235	Leu	Pro	Arg	Ser	Glu	Lys	Pro	His	Asp	Arg	Asp	Arg	Asp	Gly	Ser
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249	Ala	Asn	Pro	Pro	Ala	Pro	Ala	Ala	Ser	Ser	Thr	Pro	His	Gly	His
250					275					280					285
251	Cys	Pro	Asn	Gly	Val	Thr	Ala	Gly	Leu	Gly	Pro	Val	Ala	Glu	Val
252					290					295					300
253	Lys	Ser	Ser	Pro	Val	Gly	Gly	Gly	Pro	Arg	Gly	Pro	Ala	Gly	Pro
254					305					310					315
255	Ala	Leu	Gly	Arg	His	Trp	Gly	Ala	Gly	Trp	Asp	Gly	Gly	His	His
256					320					325					330
257	Tyr	Pro	Glu	Met	Asp	Ala	Arg	Gln	Glu	Arg	Val	Glu	Val	Leu	Pro
258					335					340					345
259	Gln	Ala	Arg	Ala	Ser	Trp	Glu	Ser	Leu	Asp	Glu	Glu	Trp	Arg	Ala
260					350					355					360
261	Pro	Gln	Ala	Gly	Ser	Arg	Thr	Pro	Val	Pro	Ser	Thr	Val	Gln	Ala
262					365					370					375
263	Asn	Thr	Phe	Glu	Phe	Ala	Asp	Ala	Glu	Glu	Asp	Asp	Glu	Val	Lys
264					380					385					390
265	Val														

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/806,276

DATE: 08/26/2002  
TIME: 14:14:40

Input Set : A:\pf0609usn\_seqlist.txt  
Output Set: N:\CRF3\08262002\I806276.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 2533

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/806,276

DATE: 08/26/2002

TIME: 14:14:40

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Output Set: N:\CRF3\08262002\I806276.raw

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L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:18 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:2520  
L:212 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:5